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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

In re Patent Application of

Boukharov *et al.*

Appl. No.: 09/620,392

Filed: July 19, 2000

For: **Plant Genome Sequence and Use Thereof**



Art Unit: 1631

Examiner: S. Zhou

Atty. Docket: 16517.112

#101B  
Plunkett  
9/19/01

**Response to Restriction Requirement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Actions mailed August 31, 2001 (paper number 9), and June 18, 2001 (paper number 7), Applicants submit the following amendments and remarks.

**In The Claims:**

Please cancel claim 5 without disclaimer or prejudice to the underlying subject matter.

Please enter the following amended and new claims:

- SUB  
B1C5
2. (Once Amended) A substantially purified nucleic acid molecule comprising a fragment nucleic acid having from about 50 to about 100 nucleotide residues; wherein said fragment nucleic acid exhibits complete complementarity to a second nucleic acid molecule having a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO: 69652 and complements thereof.
  3. (Once Amended) The substantially purified nucleic acid molecule according to claim 2, wherein said substantially purified nucleic acid molecule comprises a microsatellite sequence.